

2025-03-20 10:00:00

APPLICATION FOR REISSUE OF U.S. PATENT NO. 5,535,430

United States Patent [19]

Aoki et al.

[54] MOBILE COMMUNICATION TERMINAL
EQUIPMENT USABLE FOR BOTH
SATELLITE AND TERRESTRIAL
COMMUNICATIONS

[75] Inventors: Katsuhiko Aoki; Makio Tsuchiya;
Seiya Inoue, all of Amagasaki, Japan

[57]

ABSTRACT

A mobile communication terminal equipment is mounted in a vehicle and can utilize both the satellite and terrestrial communication systems. The mobile communication terminal equipment includes a satellite transceiver and a portable set. The satellite transceiver has a satellite transmission/reception circuit. As required, the portable set is disconnected from the satellite transceiver to be carried by the user. The portable set includes a terrestrial transmission/reception circuit, a signal input/output circuit and a connection selecting switch. The connection selecting switch is automatically controlled to connect the signal input/output circuit selectively to one of the satellite and terrestrial transmission/reception circuits. When the satellite transmission/reception circuit is in connection with the signal input/output circuit, the communication through the satellite wireless communication system can be carried out. When the terrestrial transmission/reception circuit is connected to the signal input/output circuit, the communication through the terrestrial wireless communication system can be carried out.